

CASE HISTORY

gyroMWD MODULE PROVIDES REAL-TIME GYRO TOOL FACE, SAVING A TRIP

APPLICATION

Collision Avoidance /
Multi-Pad Drilling

TECHNOLOGY

gyroMWD Module

LOCATION

East Wilmington
Long Beach, California

CUSTOMER CHALLENGE

Our client desired to drill a water injection well in a heavily congested area that had proximity mitigation issues and high levels of magnetic interference. Due to the emphasis on safe operations, there was also a requirement to reduce the exposure of wireline operations.

SCIENTIFIC SOLUTION

Scientific Drilling utilized the gyroMWD Module to provide real time gyro tool face to safely and efficiently drill in this congested well environment, while also eliminating the need for wireline conveyed gyro services. This allowed SDI to navigate through the densely populated zone, within close proximity of the neighboring wells for over 1,000ft and meet the client's specific job requirements.

CUSTOMER VALUE

With any drilling project, adhering to the well plan is paramount, however, it becomes extremely critical, when operating in a densely populated field. The gyroMWD Module was not only able to provide the real time gyro tool face required to achieve this in the presence of heavy magnetic interference, but it delivered significant cost and time savings by eliminating the need for wireline runs.

